



**USAID**  
FROM THE AMERICAN PEOPLE

# AFGHANISTAN

Date: June 2011

Public Information Office: +93 (0)70-234-236 x4015

E-mail: [kabulusaidinformation@usaid.gov](mailto:kabulusaidinformation@usaid.gov)

<http://afghanistan.usaid.gov>

## FACT SHEET

### Kandahar Helmand Power Project (KHPP)

#### OVERVIEW

A reliable and sustainable electrical power system in Kandahar and Helmand provinces is an important objective of the Government of the Islamic Republic of Afghanistan and the International Security Assistance Forces. This will fuel economic growth that is not currently possible due to electrical supply shortfalls. Kandahar City itself has a shortfall of 20 to 25 megawatts for its 450,000 residents. Elsewhere in Kandahar and Helmand provinces, there is no service at all. USAID is working in conjunction with the national utility Da Afghanistan Breshna Sherkat and the U.S. Army Corps of Engineers to improve the supply of electricity in Kandahar and Helmand provinces.

The Kandahar Helmand Power Project (KHPP) includes six integrated components that will take a significant step forward in providing power for Kandahar and Helmand provinces. KHPP improves the Southeast Power System (SEPS), which is the significant source of electricity in southern Afghanistan, serving 380,000 of the 1.7 million people residing in the region. KHPP expands renewable power as well as diesel power supply until additional renewable sources can be added. It upgrades the transmission substations that are the backbone for electrical transmission.

KHPP builds on previous work done by USAID and the U.S. Army Corps of Engineers. In 2009, USAID finished renovation of units 1 and 3 at the Kajaki Hydropower Plant to reliably generate 32 megawatts of renewable power in the SEPS. KHPP will improve the transmission and distribution of this power, as well as install unit 2 at Kajaki, adding another 16 megawatts of renewable power. The U.S. Army Corps of Engineers has added diesel generation to SEPS to bridge the gap between current power shortfall and long-term renewable power. KHPP will renovate and expand the distribution system to residences and businesses such that the power can be used.

#### CURRENT ACTIVITIES

- Renovate, upgrade, and expand the electrical distribution system in Kandahar City, adding more than 10,000 new connections; includes Kandahar East Substation, Breshna Kot Substation, and a transmission line connecting the two
- Rehabilitate and expand 26,000 connections to diesel powered generation (120,000 people) for customers that suffer poor service or lack of service due to lack of generation
- Provide 6.5 MW of diesel generation and at Shorendam Industrial Park
- Rehabilitate Durai Junction Substation, an essential hub in the SEPS transmission system
- Prepare to install and commission unit 2 at Kajaki Dam, providing 18 MW of additional power, rehabilitate Kajaki substation, conduct local power distribution, upgrade Tangi village substation, replace Musa Qala distribution line

#### ACCOMPLISHMENTS

- Ordered all long lead time equipment
- Completed assessment of existing equipment at Kajaki Dam
- Installed and commissioned generation at Shorendam Industrial Park
- Mobilized for Durai Junction